

## REMARKS

Claims 1-8, 10-14, 21, and 22 are pending. Claims 1 and 22 are amended. Claims 9, 15-21, and 23-26 have been cancelled without prejudice or disclaimer. Claims 27-31 are newly added. Support for the claim amendments and the new claims may be found in the specification, at least at paragraphs [1020], [1022]-[1026], and [1035]. No new matter has been added.

### **Claims 1, 4-6, 10-14, and 22 are Allowable**

The Office has rejected claims 1, 4-6, 10-14, and 21-22 under 35 U.S.C. §102(b), as being anticipated by U.S. Patent Publication No. 2002/0065739 (“Florance”). Claim 21 is cancelled without prejudice or disclaimer. Applicants respectfully traverse the remaining rejections.

The cited portions of Florance do not disclose or suggest each and every element of claim 1. For example, the cited portions of Florance fail to disclose or suggest an application layer that offers services including “providing the value of the variable in the application program when the application program is initialized” and “substantially immediately notifying the application program when a notification of an update for a particular property is received without the application program polling to determine whether the variable has been updated and without the application program being reinitialized,” as in claim 1.

Florance describes a system that “automatically forwards information to other researchers whose research criteria relate to that information. For example, information on a completed building sale, which is tracked by for-sale property researchers, is automatically sent to researchers tracking comparable sale information.” Florance, Paragraph 0263 (cited by the Office Action). Florance thus arguably may describe providing *updated* information to “researchers.” However, the cited portions of Florance do not describe sending information regarding building sales *before* sending the information about the *completed building sale*, but only sends data when information is generated that matches the researchers’ criteria. Thus, the cited portions of Florance fail to disclose or suggest providing services including “providing the

value of the variable in the application program when the application program is initialized,” as in claim 1.

In addition, the cited portions of Florance describe sending information to “researchers” where the users are people, e.g., individuals that speak with other individuals and that go to visit properties (*see, e.g.*, Florance, Paragraph 0384). Providing people with updated information, as described by Florance, is not the same as “providing the value of the *variable in the application program* when *the application program is initialized*” and “substantially immediately *notifying the application program* when a notification of an update for the particular property is received,” as in claim 1 (emphasis added). Moreover, because the updated information is sent to people, the cited portions of Florance fail to disclose or suggest that “notification of an update for a particular property is received *without the application program polling* to determine whether the variable has been updated and *without the application program being reinitialized*,” as in claim 1. Respectfully, the researches of Florance are not “reinitialized,” as in claim 1. Thus, Florance fails to anticipate claim 1.

Because Florance fails to disclose or suggest each and every element of claim 1, claim 1 is allowable. Claims 4-6 and 10-20 depend from claim 1. Thus, claims 4-6 and 10-20 are allowable at least by virtue of their dependence from claim 1.

The cited portions of Florance do not disclose or suggest each and every element of claim 22. For example, the cited portions of Florance fail to disclose or suggest a computer-readable storage medium that includes program code executable by a computer system to provide services including “initializing the variable with the first property when the applications are first executed” and “substantially immediately notifying the application program when a notification of an update for the particular property is received,” as in claim 22.

Florance describes a system that “automatically forwards information to other researchers whose research criteria relate to that information. For example, information on a completed building sale, which is tracked by for-sale property researchers, is automatically sent to researchers tracking comparable sale information.” Florance, Paragraph 0263 (cited by the Office Action). Florance thus arguably may describe providing *updated* information to “researchers.” However, the cited portions of Florance do not describe sending information regarding building sales *before* sending the information about the *completed building sale*, but

only sends data when information is generated that matches the researchers' criteria. Thus, the cited portions of Florance fail to disclose or suggest providing services including "initializing the variable with the first property when the applications are first executed," as in claim 22.

In addition, Florance describes sending information to "researchers" where the users are people, e.g., individuals that speak with other individuals and that go to visit properties (*see, e.g.*, Florance, Paragraph 0384). Providing people with updated information, as described by Florance, is not the same as "*initializing the variable* with the first property *when the applications are first executed*" and "substantially immediately *notifying the application program* when a notification of an update for the particular property is received," as in claim 22 (emphasis added). Thus, Florance fails to anticipate claim 22.

### **Claims 2, 3, 7, and 8 are Allowable**

The Office has rejected claims 2, 3, 7, and 8 under 35 U.S.C. § 103(a), as being unpatentable over Florance in view of U.S. Patent No. 6,907,451 to Mukundan et al. ("Mukundan"). Applicants respectfully traverse the rejections.

Claims 2, 3, 7, and 8 depend from claim 1. As explained above, the cited portions of Florance fail to disclose or suggest each and every element of claim 1. The cited portions of Mukundan fail to disclose or suggest the elements of claim 1 not disclosed or suggested by the cited portions of Florance. For example, the cited portions of Mukundan fail to disclose or suggest "providing the value of the variable in the application program when the application program is initialized," as in claim 1. The cited portions of Mukundan also fail to disclose or suggest "substantially immediately notifying the application program when a notification of an update for the particular property is received without the application program polling," as in claim 1.

Mukundan describes a client that when "values of the marked fields have changed, the client sends their values and the values of other client-side fields that have changed to the server for processing." Mukundan, Column 42, Lines 62-63, and Column 43, Lines 4-6. However, the cited portions of Mukundan fail to disclose or suggest that the client or server provides "the value of the variable in the application program when the application program is initialized," as

in claim 1. Moreover, Mukundan describes sending values between the client and the server, but fails to disclose or suggest how the client and server become aware that information has been sent or whether “notification of an update for the particular property is received without the application program polling,” as in claim 1. Therefore, the cited portions of Florance and Mukundan, individually or in combination, fail to disclose at least one element of claim 1, from which claims 2, 3, 7, and 8 depend. Hence, claims 2, 3, 7, and 8 are allowable, at least by virtue of their dependence from claim 1.

### **New Claims 27-31 are Allowable**

New claims 27-31 recite elements that are neither disclosed nor suggested by Florance and Mukundan. For example, the cited portions of Florance and Mukundan fail to disclose or suggest a computer readable medium having computer readable program code executable by a computer system to “receive the property key from the one or more Web applications when the one or more Web applications are started and provide the property value associated with the property key, wherein the one or more Web applications initialize the value of the variable to the property value,” as in claim 27. Further, the cited portions of Florance and Mukundan fail to disclose or suggest program code executable by a computer system to “notify the one or more Web applications when the property value associated with the property key is updated, wherein the one or more Web applications dynamically update the value of the variable associated with the property key without restarting the one or more Web applications and without the one or more Web applications polling to inquire whether the property value associated with the property key has been updated,” as in claim 27.

Florance describes a system that “automatically forwards information to other researchers whose research criteria relate to that information. For example, information on a completed building sale, which is tracked by for-sale property researchers, is automatically sent to researchers tracking comparable sale information.” Florance, Paragraph 0263 (cited by the Office Action). Florance thus arguably may describe providing *updated* information to “researchers.” However, the cited portions of Florance do not describe sending information regarding building sales *before* sending the information about the *completed building sale*, but only sends data when information is generated that matches the researchers’ criteria. Thus, the

cited portions of Florance fail to disclose or suggest providing “the property value associated with the property key, wherein the one or more Web applications initialize the value of the variable to the property value,” as in claim 27. Moreover, because the updated information of Florance is sent to people, the cited portions of Florance fail to disclose or suggest program code to “notify the one or more Web applications when the property value associated with the property key is updated, wherein the one or more Web applications dynamically update the value of the variable associated with the property key without restarting the one or more Web applications and without the one or more Web applications polling to inquire whether the property value associated with the property key has been updated,” as in claim 27.

The cited portions of Mukundan fail to overcome the deficiencies of Florance in disclosing or suggesting the elements of claim 27. Mukundan describes a client that when “values of the marked fields have changed, the client sends their values and the values of other client-side fields that have changed to the server for processing.” Mukundan, Column 42, Lines 62-63, and Column 43, Lines 4-6. However, the cited portions of Mukundan fail to disclose or suggest program code executable by a computer system to “receive the property key from the one or more Web applications when the one or more Web applications are started and provide the property value associated with the property key, wherein the one or more Web applications initialize the value of the variable to the property value,” as in claim 27. Further, the cited portions of Mukundan fail to disclose or suggest program code executable by a computer system to “notify the one or more Web applications when the property value associated with the property key is updated, wherein the one or more Web applications dynamically update the value of the variable associated with the property key without restarting the one or more Web applications and without the one or more Web applications polling to inquire whether the property value associated with the property key has been updated,” as in claim 27.

Hence, claim 27 is allowable. Claims 28-31 depend from claim 27 and are allowable for at least the same reasons for which claim 27 is allowable.

### **Conclusion**

Applicants have pointed out specific features of the claims not disclosed, suggested, or rendered obvious by the cited portions of the references as applied in the Office Action.

Accordingly, Applicants respectfully request reconsideration and withdrawal of each of the rejections, as well as an indication of the allowability of each of the pending claims.


Any changes to the claims in this response, which have not been specifically noted to overcome a rejection based upon the cited art, should be considered to have been made for a purpose unrelated to patentability, and no estoppel should be deemed to attach thereto.

The Examiner is invited to contact the undersigned attorney at the telephone number listed below if such a call would in any way facilitate allowance of this application.

The Commissioner is hereby authorized to charge any fees, which may be required, or credit any overpayment, to Deposit Account Number 50-2469.

Respectfully submitted,

2-2-2010  
Date

  
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